

Module 2: Instructional Design & Curriculum Planning for STEM

Course Outline

- Instructional design models for STEM education
- Writing measurable learning objectives
- Lesson planning and curriculum mapping
- Bloom's Taxonomy in Math & Science
- Differentiated instruction strategies

Learning Outcomes

By the end of this module, participants will be able to:

- Design structured and engaging STEM lessons
- Develop clear learning objectives and outcomes
- Apply instructional design principles effectively
- Adapt content to diverse learner needs.